CLAIMS:

1.   Method of auto-tuning a radio FM-receiver by scanning the receiver frequency band until a FM signal is received meeting critera for identifying the signal as being of a predetermined quality, particularly coming from a valid FM station, characterized in that at least during tuning it is permanently established whether or nor the FM signal meets the

5   criteria, whereafter the results thereof are read a predetermined number of times, and the FM signal is only stored if at least most of the times the criteria are met.

2.   Method as claimed in claim 1, characterized in that the results are read 10 times and the FM signal is only stored if at least 8 times thereof the criteria are met.

10

3.   Auto tuning device with means to register whether or not a FM signal, received in a radio FM receiver, meets criteria for identifying the signal as being of a predetermined quality, particularly coming from a valid FM station, and counting means to register in an interval of a predetermined number of times that is registered whether or not the

15   FM signal meets the criteria, the number of times the FM signal meets the criteria.

4.   Radio FM-receiver for realizing the method of claim 1 or 2, comprising an auto-tuning device according to claim 3.

20   5.   Algorithm for processing FM signals in an auto tuning device according to the method of claim 1 or 2.

6.   Computer program capable of running on signal processing means in a radio FM receiver or cooperating with a radio FM receiver comprising the auto tuning device

25   according to claim 3.

7.   Information carrier, carrying instructions to be executed by signal processing means, the instructions being such as to enable said processing means to perform the method according to claim 1 or 2.